

Linn County Soil & Water Conservation District

Conservation Resources

September 2009

Supervisor Election

There will be a Supervisor Election held Wednesday October 21st, 2009 at the USDA Building (east door) from 11:00 am to 6:00 pm.

The election will be held for Area I which includes the townships of Jackson, Benton, Clay and Locust Creek and Area III which includes the townships of Yellow Creek, Bucklin and Marceline

The candidate for Area I is Greg Williams.

The candidate for Area III is Terrill Lane.

To be eligible to vote in the election, you must own land that is agriculturally taxed. You will have only 1 vote regardless of how many farms you own. If a farm is owned by a corporation, it may be represented by one vote. If a farm is owned by a partnership, or jointly by husband and wife, the farm may be represented with two votes.

If a farm owner can not personally participate in voting, a Power of Attorney may be given to a tax paying citizen of the county who may represent the owner and cast a vote. A person may only represent one farm owner. If you are representing a farm owner, please be sure to bring a copy of the Power of Attorney to present to the election judges.

CUSTOMER APPRECIATION

The Linn County Soil and Water Conservation District will be hosting a Customer Appreciation lunch on Wednesday October 21st, 2009. Stop by to cast your vote in the election and then enjoy lunch from 11:00 am to 2:00 pm.

The lunch will be served outside the south side of the USDA building. We will have a tent set up with picnic tables. The menu this year includes BBQ Pork, company potatoes, baked beans and mixed fruit.

This lunch is our way of letting the landowners of Linn County know that we appreciate them. We hope to see you there!!

Office Location

121 Pershing Road
Brookfield, MO 64628
(660)258-5732

Office Hours

Monday-Friday
7:00 am-4:30 pm

Closed 12:00-12:30
daily for lunch

Linn County Board Members

Greg Williams- Chairman

Terrill Lane-Vice Chairman

Ryan Montgomery-Treasurer

Leon McIntyre-Secretary

Brian Brockman-Member

SWCD Staff

Angela Nagel-District Clerk

Trevor Stillwell-District Technician

MDC Staff

Steve Fisher-Private Land
Conservationist

NRCS Staff

Joel Grant-Resource
Conservationist
Bill Siddens-Conservation
Technician

East Yellow Creek Watershed

Sandy Gladbach-Clerk

Cost Share Sign-up October 1st - October 23rd.

See inside pages for more information.

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To file a complaint of discrimination write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.



Cost Share Sign-up

The Linn County Soil & Water Conservation District will be holding cost share sign up for Fiscal Year 2011 (July 1, 2010-June 30, 2011) October 1st through October 23rd, 2009. The sign-up will be held much earlier than previous years to allow adequate time to prepare our County Needs Assessment.

If you have signed up the last three years and did not receive cost-share assistance, you will automatically be placed at the beginning of the assistance list. We will send a letter to these landowners. If you receive a letter, you must still come in and sign up.

Just a reminder that if a landowner is receiving cost share assistance this fiscal year (July 1, 2009-June 30th, 2010) you will not be allowed to sign up this coming year.

If you are unable to be present for sign-up, you may designate someone to sign you up by completing an Authority to Represent form. These forms are available in the office and must be filled out prior to sign up. No fax or phone ins will be allowed for sign up. You can also print the form off of our website at <http://www.swcd.mo.gov/linn/events.htm>.

This is 75% cost share assistance with the maximums being \$15,000 for terraces, \$10,000 for ponds and \$4,000 for most other practices. Please contact the District for maximums of specific practices not listed.

The Board made some changes to the Districts cost share policy last year. Landowners who have had a practice staked out for cost share assistance and back out, will be ineligible to sign up for cost share assistance for three years following the cancellation. Also, all cost share practices will be surveyed and staked out one time by District personnel at no cost to the landowner; if the landowner does not maintain the survey and staking flags, the landowner must make arrangements through a private contractor to meet the design criteria if cost-share for the practice is desired.

If you have any questions, please call our office at (660)258-5732.

New cost share practices available

Due to the passage of House Bill 250 by the General Assembly, local soil and water conservation districts will have additional practices to address water quality concerns on agriculture land. House Bill 250 changes the current soil and water conservation statute language to be consistent with the constitutional amendment language. The original statute reads, "Soil and water conservation cost-share program, a state-funded incentive program designed for the purpose of saving the soil of the state through erosion control and abatement." The amended statute reads, "Soil and water conservation cost-share program, a state-funded incentive program designed for the purpose of saving the soil and protecting the water resources of the state to preserve the productive power of Missouri agricultural land."

The following is a list of cost share practices available state wide. Some practices may not be available in certain counties.

Gully, Sheet and Rill Erosion

DSL1-Permanent Vegetative Cover Establishment (Seeding) - Cost-share assistance available for lime and fertilizer, eligible seed, seeding operation, and seedbed preparation. Cost-share assistance is limited to the minimum amount of lime, fertilizer and seed(s) needed to establish adequate cover to control erosion.

DSL2-Permanent Vegetative Cover Improvement (Seeding) - Cost-share assistance available for seeding of legumes into permanent vegetation and for lime, fertilizer and chemicals necessary to establish legumes. Cost-share assistance is limited to the minimum amount of lime, fertilizer and seed(s) needed to establish adequate cover to control erosion.

DSL4-Terrace Systems - Cost-share assistance is authorized for terraces and the necessary leveling and filling to permit installation of an effective system. Materials and installation of underground pipe outlets and other mechanical outlets as part of this practice and necessary vegetative protective cover on outlets, waterways, or steep slopes of terraces are also authorized. Applicable to cropland subject to erosion from water runoff.

DSL5-Diversions - Cost-share assistance for diversions, ditches, dikes or subsurface drains where necessary for the proper functioning of the diversion. Consideration will be given to the needs of wildlife during the design and application of this practice.

DSL11-Permanent Vegetative Cover: Critical Areas - Cost-share assistance for shaping and seeding down critical areas (such as gullies, banks, roadsides, field borders, and similar problem areas) on farms which are susceptible to erosion or where runoff, carrying substantial amounts of a sediment, constitutes a significant pollution hazard, or where both exist.

DSL111-Permanent Vegetative Cover: Confined Animal Feed Lots - Cost-share assistance for shaping and seeding down critical areas created around confined feed lots which are susceptible to erosion or where runoff carrying substantial amounts of a sediment, constitutes a significant pollution hazard, or where both exist.

DSL15- No-Till Systems - Cost-share assistance is available for no till farming systems with residue management to protect soil from wind and water erosion, stop or reduce pollution from sediment and chemically contaminated runoff from agricultural non-

point sources and to conserve energy.

DWC1-Water Impoundment-Reservoirs (Ponds) - Cost-share assistance is available to build structures that provide erosion control benefits and may also provide water for agricultural uses, including livestock water, irrigation of permanent vegetation cover, or fire protection.

DWP1-Sediment Retention, Erosion, or Water-Control Structure - Cost-share assistance is available to install a drop pipe or create a dry hole structure to fix specific problem areas on farms where runoff of substantial amounts of sediment or runoff containing pesticides or fertilizers constitute a significant pollution hazard.

DWP3-Sod Waterway - Cost-share assistance is available for site preparation, grading, shaping, filling and establishing permanent non-woody vegetative cover on farmland needing permanent sod waterways to convey excess surface runoff water in a manner that will reduce erosion. Cost-share assistance is also authorized for subsurface drains that are necessary for proper functioning of the waterway.

N380-Windbreak/Shelterbelt Establishment - Cost-share assistance is available to protect growing plants and improve irrigation efficiency to maintain water quality in any area where woody plants are suited.

Woodland Erosion

C100-Timber Harvest Plans - Proper design and implementation of management practices on logging roads, stream crossing, log landings and other measures during timber harvest where landowner is planning timber sale. Incentive payments may apply.

DFR4-Forest Plantation - Cost-share assistance is available to convert marginal soils to less intensive use and to reduce soil erosion from agricultural sources. Cost-share is authorized for seed or seedlings, seedbed preparation, necessary herbicides, and seeding or planting. Cost-share for fencing is included to protect newly planted forest from livestock. Minimum size of planting is 1 acre.

DFR5-Woodland Protection Through Livestock Exclusion (Fence) - Cost-share assistance for fencing existing woodland areas susceptible to excessive erosion due to livestock grazing. For the special purpose of this practice, riparian areas (stream floodplain) and upland soils with slopes exceeding 10 percent are exempted from the program requirement of excessive erosion.

N472-Use Exclusion - Cost-share authorized for permanent fencing. One time out-of-production incentive payment of \$5/acre may apply, not to exceed 100 acres per cost-share application for excluded area.

N655-Restoration of Skid Trails, Logging Roads - Cost-share assistance is available for the treatment of active gully erosion on existing skid trails, logging roads, stream crossings, and log landings that have been improperly constructed during a timber harvest. Maximum payment shall not exceed \$1,500 per gully and has a landowner maximum of \$6,000 for this practice.

Irrigation Management

N442-Irrigation Systems, Sprinklers - Cost-share assistance is available for replacement of a sprinkler system's existing sprinklers or nozzles with those that increase system efficiency. The field must have been irrigated three of the last five years.

N443-Irrigation System, Surface and Subsurface - Cost-share assistance is available for surge valves and /or improved water distribution pads for furrow irrigation systems and side-inlet flood irrigation systems according to the requirements of the Irrigation System Surface standard. The field must have been irrigated three of the last five years.

N447-Irrigation System, Tailwater Recovery- Cost-share assistance is available for installation of all components (pipeline and appurtenances, water control structures, earthen reservoirs or delivery systems, pumps, and pump stations) according to the requirements of the Irrigation System-Tailwater recovery standard. The field must have been irrigated three of the last five years.

N430-Irrigation Water Conveyance - Cost-share assistance is available for system components including underground pipeline, trenching and backfill, outlets, check valves, pressure-relief valves, air-release valves, joints and connections. The field must have been irrigated three of the last five years for up to 75% cost share. Fields that do not meet this irrigation history can be approved at no more than 50% cost-share.

N587-Structure for Water Control- Cost-share assistance is available for pipe materials, weir boxes added to existing grade stabilization structures and permanent pads.

N554-Drainage Water Management- Cost-share assistance is available for main and lateral line materials; installation of main and lateral lines; and pipes and appurtenances

Grazing Management

DSP3.1-Grazing System Water Development - Cost-share assistance is available to develop a water source (well, pond or spring development) for a planned grazing system up to a maximum of \$95/acre. The acres to be considered for the per-acre maximum will only be the acres within the paddocks served by the water source development. Cost-share will be provided based on size and type of water to be given to existing water sources. Eligible items allowed under the pond construction include labor, earthwork, principle spillway pipe, water line pipe, materials for limited access watering, fence, lime fertilizer, seed, seedbed preparation and mulch needed for the critical area seeding of the pond. Eligible items allowed under well construction include the well drilling, casing, grout, liner, well house, submersible pump, pressure tank, wire from pump to control box, check valves, splice kits, pitless adaptors, torque arrestors, pump seals and fittings and seals for the well itself. Eligible items allowed under the spring development include spring collection pipe, spring collection box, excavation and labor to develop the spring and fencing of site. Grazing school is required to participate in grazing system practices with the soil and water conservation district, please see district personnel for dates available.

DSP3.2-Grazing System Water Distribution - Cost-share assistance available for components needed to distribute water

throughout a grazing system to a maximum of \$85/acre. The acres to be considered for the per-acre maximum will only be the acres within the paddocks served by the water distribution system. Water distribution will only be allowed on existing systems if the number of paddocks is increased or acreage is added to the current system. The exception to this is that water can be distributed to paddocks that have not previously contained a water source without requiring additional fencing (systems that have involved moving livestock through lanes to a central water source). Where a watering facility installed with state cost-share exists in a paddock, no cost-share will be provided for enhancement of that watering facility. Cost-share will be provided for installing pipeline from a water source to a water distribution point(s) for livestock watering within the grazing system. Pipeline and components that do not provide water to one or more paddocks in the system, but serve lots, buildings, and area that are not part of the grazing system are not eligible for cost-share. Eligible items include labor, trenching, pipe, hydrants, limited access watering sites on ponds, water tanks, limited stream access and other materials required to complete the water distribution for the grazing system. Grazing school is required to participate in grazing system practices with the soil and water conservation district, please see district personnel for dates available.

DSP3.3-Grazing System Fence - Property line perimeter fence and fence along roads or lanes used to travel to a residence are not eligible for cost-share. Crop fields that are mechanically harvested are not eligible for cost-share on fence. This practice will provide up to 75 percent cost-share for interior fencing components needed to install or intensify a grazing system up to a maximum of \$60/acre. Any fence constructed must increase the number of paddocks in the system. The acres to be considered for the per-acre maximum will only be the acres within the paddocks where new fencing is installed. Construction of fencing will only be allowed on existing systems if the number of paddocks is increased or acreage is added to the current system. Cost-share will be provided based upon the least-cost wire component which in most cases will be high tensile electric; however other types of wire may be installed. The number of strands of wire allowed must be appropriate for the livestock species the system is currently being used/built for. Cost-share is allowed for an offset wire on perimeter fencing if required. Fencing items eligible for cost-share to construct deterrent fencing and cross-fencing for a livestock grazing system in the \$60 maximum per acre include: labor, posts, wire, gates, high tensile electric fence, energizers, energizer installation and accessories and water gap components. Grazing school is required to participate in grazing system practices with the soil and water conservation district, please see district personnel for dates available.

DSP 3.4-Grazing System Lime - Cost-share assistance to provide up to 75 percent cost-share for a one-time application of limestone according to soil test recommendations, up to a maximum of \$50/acre. The paddocks need to be part of an existing grazing system which meets the Standards and Specifications for Prescribed Grazing. Lime may be applied in a split application if a large amount of effective neutralizing material (ENM) is needed. The surface application of limestone must be in accordance with minimum cover improvement needed as determined by a soil test. Eligible items for cost-share include lime, hauling and spreading. Grazing school is required to participate in grazing system practices with the soil and water conservation district, please see district personnel for dates available.

DSP 3.5-Grazing System Seed - Cost-share assistance to provide up to 75 percent cost-share for a one-time interseeding of legumes in paddocks within a qualified grazing system up to \$40/acre. The acres to be considered for the per-acre maximum will only be the acres which are seeded. The paddocks need to be part of an existing grazing system which meets the Standard and Specifications for Prescribed Grazing. Prior to planting legumes, the site will be fertilized to meet the requirements of the soil test the year of the seeding and two years following. Nitrogen, phosphorus, potassium and lime are not eligible components under the DSP 3.5 Seed practice. Eligible items for cost-share include legume seed, inoculation, no-till drill and broadcasting. Grazing school is required to participate in grazing system practices with the soil and water conservation district, please see district personnel for dates available.

DSP-2-Permanent Vegetative Cover Enhancement - Cost-share assistance is available to improve the productive cover of existing pastureland with the demonstration of no-till, inter-seeding of legumes by the use of no-till drills; to protect the soil and prevent the pollution of air, land or water from agricultural uses.

Sensitive Areas

N386-Field Border - Protect water quality by trapping sediment, chemical and other pollutants and reduce erosion from wind and water. Cost-share is authorized for establishment of field borders for crop fields. One time out-of-production incentive payment of \$600/acre may apply. A reduced incentive payment may apply to those enrolled in CRP (Conservation Reserve Program). Maximum width for incentive is 60 feet. Fertilizer required for maintenance of established stand will be applied at applicant's expense.

N391-Riparian Forest Buffer - Purpose of this practice is to reduce the amounts of sediment, organic material, nutrients and pesticides in surface runoff and reduce excessive nutrients and other chemicals in shallow groundwater flow with a secondary benefit of streambank stabilization. Applies to areas adjacent to permanent or intermittent streams, public drinking water reservoirs, and natural wetlands. One time out-of-production incentive of \$1,200/acre may apply. Maximum width for incentive is 180 feet. Livestock must be excluded except for controlled stream crossing points. Cost-share for permanent fencing associated with excluding livestock from stream.

N393-Filter Strip - Purpose of this practice is to reduce erosion and prevent or reduce pollution of land or water from agricultural or silvicultural nonpoint sources. Applies to areas below cropland, hayland or grazing land where animal waste may leave area and enter environmentally sensitive areas. One time out-of-production incentive payment of \$1,000 per acre may apply. Filter strip shall be a minimum of 25 feet wide and cost-share can only be paid on a maximum width of 100 feet. Cost-share authorized for establishment, permanent fencing cost associated with excluding livestock from a stream.

WQ10-Stream Protection - Purpose of this practice is to reduce excessive amounts of sediment, organic material, nutrients and pesticides in surface runoff and reduce excessive nutrients and other chemicals in shallow groundwater flow with a secondary benefit of streambank stabilization. Applies to areas adjacent to permanent or intermittent streams, streams containing perennial pools or natural wetlands where livestock have uncontrolled access for watering purposes. One time out-of-pocket incentive may apply. Cost-share includes permanent fencing, stream crossings, watering sources, pipeline, water tank and more.

Animal Waste Management

N312-Waste Management System - Cost-share assistance is available for implementation of the system only, not the plant. Agitation, pumping and related equipment that is mobile is excluded from cost-share.

Nutrient Management

N590-Nutrient Management - Purpose of this practice is to demonstrate the environmental and economic advantages of following a nutrient management plan and provide operators an incentive to encourage the adoption of new management techniques and/or technologies for applying commercial fertilizer. Operators must follow a nutrient management plan based on soil test results. Cost-share is authorized for fertilizer with a maximum of \$30/acre with a limit of \$4,500 per year with a lifetime maximum of \$13,500. Individual fields may be enrolled only one time for three consecutive years. Additional fields may be enrolled until the lifetime practice maximums have been reached.

N633-Waste Utilization - Cost-share assistance is available to provide operators an incentive to encourage the adoption of new management techniques and/or technologies for properly applying organic fertilizer.

Pest Management

N595-Pest Management - Purpose of this practice is to minimize entry of chemical contaminants to ground and surface water by properly following a pest management plan. The pest management plan should assist the producer in determining whether, when and how an application of pesticide should occur for the crop. Cost-share is authorized for the chemical application that best meets the need of the landowner. A complete pest management plan must be written prior to contract approval. The basic incentive rate shall not exceed \$15 an acre with a limit of \$2,500 per year with a lifetime maximum of \$7,500. Individual fields may be enrolled only one time for three consecutive years. Additional fields may be enrolled until the lifetime practice maximums have been reached.

Groundwater Protection

N351-Well Decommissioning - Purpose of this practice is to prevent entry of vermin, debris, fertilizer, pesticides, and other foreign substances into the well or well bore hole and to seal and permanently close water wells no longer in use. A flat rate of \$400 will be paid to the landowner for completing this practice.

N574-Spring Development - The purpose of this practice is to protect and enhance water quality through proper collection and distribution of ground water sources. Cost-share is authorized for pipe and trenching from collection point to one distribution point (tank) including outlet, not to exceed 300 feet. Permanent fencing cost also eligible for cost-share.

N317-Composting Facility - Cost-share assistance is available to treat waste organic material biologically by producing a humus-like material that can be recycled as a soil amendment and fertilizer substitute.

N316-Incinerator - Cost-share assistance is available to incinerate livestock and poultry carcasses as part of a waste management system to decrease non-point source pollution of surface and groundwater resources.

N725-Sinkhole Treatment - Cost-share assistance is available to improve the quality of recharge waters entering the groundwater system, improve chemical and nutrient management within sinkhole watersheds and reduce soil erosion within sinkhole watersheds.

Streambank Erosion

C650-Streambank Stabilization - The purpose of this practice is to protect stream banks from accelerated erosion, provide adequate streambank vegetation and improve water quality on a watershed basis. Eligibility will be determined by the Missouri Department of Conservation Fisheries staff. Cost-share is authorized for components necessary for cedar tree revetments, rock riprap, bioengineering materials, seed or seedlings, seedbed preparation and planting. Permanent fencing cost also eligible for cost-share. Livestock will be excluded from the stream and associated corridor with a minimum distance of 50 feet from the top of the streambank. Cost-share assistance is 75 percent of state average cost not to exceed \$5,000 per landowner/farm.

Fiscal Year 2009 Cost Share Update

The cost share for fiscal year 2009 came to an end in June. The District ended the year spending \$321,712 for 34 Linn County landowners to control erosion. There were 17 terrace practices (DSL-44), 17 ponds (DWC-1) and 1 dry structure (DWP-1). We want to thank the contractors and landowners who worked hard to complete practices despite poor weather conditions.

Our fiscal year 2010 cost share got underway July 1st with an allotment of \$336,744.48. Landowners drawn first in the cost share drawing have been contacted and some have already begun their practices. In recent years, the District received an additional allocation in the fall to use towards more cost share practices. Due to some changes in the allocation process, the District is unlikely to receive this additional money. However, if the District does receive additional funding, eligible landowners will receive a letter indicating this.



Linn County Soil & Water Conservation District
121 Pershing Road
Brookfield, MO 64628

Rental Equipment

15 ft. John Deere No Till Drill-\$7.50/acre	Pull Behind Sprayer-\$30.00/day
10ft John Deere No Till Drill-\$7.00/acre	6ft Rotary Tiller-\$40.00/day
Truax Drill- \$7.00/acre	Ditcher- \$50.00/day
2 Row No Till Planter-\$50.00/day	Blower- \$10.00/day
ATV Spreader-\$15.00/day	Burn Equipment- \$10.00/day
ATV Sprayer with Boom-\$15.00/day	Blower & Burn Equipment-\$15.00/day
ATV Sprayer- \$10.00/day	Root Plow- \$15.00/1st day, \$5.00 each consecutive day
Pull Behind Spreader- \$25.00/day	Big Bale Processor-\$100.00/day in county \$150.00/day out of county
10 ft. Brillion Seeder-\$5.00/acre	Knight 1140 Manure Spreader-\$150.00/1st day; \$50.00 each additional day. Maximum of 3 days rental.
Phillips Rotary Harrow - \$100.00/day + \$3.50/acre	
24ft Pasture Harrow-\$100.00/day	
Portable Corral-\$100.00/day	
Compaction Tester- \$5.00/day	

We're on the Web!!

Visit our web page for upcoming events,
cost share information, rental equipment
information and much more!!

<http://www.swcd.mo.gov/linn>